

## Work Order ID 73139



Page 1

Friday, August 26, 2011 6:49:25 AM

Item ID: D3340-17

Accept



Setup Start



Revision ID:

Item Name: Aft Skidtube Protector

Stop



Start Date: 8/26/2011 Start Qty: 4.00



Cust Item ID:

Required Date: 9/9/2011 Req'd Qty: 4.00



Customer:

Reference:

Approvals: Process Plan: MFDate: 11-08-29 Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

Run Start



QC: \_\_\_\_\_

Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr
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D3340	Rev B
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100	0.00
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PURCHASING

Waterjet

Memo

FLOW CNC Waterjet

1010 .040

1-Cut as per Dwg

Dwg Rev: BProg Rev: B

2-Deburr if necessary

HBII-8-31

110	QC2- Inspect parts off machine FAI/FAIB	0.00
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Memo

QC

Quality Control

HBII-8-31

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_  
 Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

**Work Order ID 73139**

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Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run

Start



QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/  
Work Center ID

120



QC

Quality Control

Operation  
Description

QC8- Inspect parts - second check

Set Up/  
Run Hours

0.00

Sulog/01

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

130



Brake NC

Brake NC

Form as per dwg

NC BRAKE

Memo

0.00

SB 116a/07

10

140



QC

Quality Control

QC5- Inspect part completeness to step on W/O

0.00

0.00

Sulog/07

110

8/26/2011 6:49:25 AM

W/O:		WORK ORDER CHANGES							
DATE	STEP	PROCEDURE CHANGE			By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

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Item Name: Aft Skidtube Protector

Stop



Start Date: 8/26/2011 Start Qty: 4.00



Cust Item ID:

Required Date: 9/9/2011 Req'd Qty: 4.00



Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/  
Work Center ID

150



Powdercoat

Powder Coating

160



QC

Quality Control

Operation  
Description

Grey Sandtex(Ref:4.3.5.6) per QSI005 4.3

Set Up/  
Run Hours

0.00

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

Memo

START TIME:

1:45 0.00

OVEN TEMPERATURE:

3200F

2:15

FINISH TIME:

10X Ø M-F 11/09/07

170



QC3- Inspect Part Finish

0.00

10 Q M 11/09/07

Memo

0.00

Identify as per dwg &amp; Stock Location: ST 501

0.00

Packaging

Memo

0.00

Packaging

SL

10x

11-09-07

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

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Page 4

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Item Name: Aft Skidtube Protector

Stop



Start Date: 8/26/2011 Start Qty: 4.00



Cust Item ID:

Required Date: 9/9/2011 Req'd Qty: 4.00



Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/  
Work Center IDOperation  
Description

180



QC21- Final Inspection - Work Order Release

QC

Quality Control

Set Up/  
Run Hours

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

0.00

0.00

Memo

  
MF  
11-09-08

W/O:		WORK ORDER CHANGES							
DATE	STEP	PROCEDURE CHANGE			By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

# Picklist Print

Page 1

Friday, August 26, 2011 6:49:22 AM

Work Order ID: 73139



Parent Item: D3340-17



Parent Item Name: Aft Skidtube Protector

Start Date: 8/26/2011

Required Date: 9/9/2011

Start Qty: 4.00

Required Qty: 4.00

Comments: IPP: A 05.11.10 Preliminary issue AP/EC  
11.05.26 now made in house DD verf:EC

IPP REV:B

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M1010S19GA		Purchased		No		100	sf	0.0000	0.32	1.347368	3.5		

1010/1025 SHEET .040



BSI-8-31

Jr/09.05-2011

116 791

(10)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_  
 Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

DART AEROSPACE LTD

Work Order: 73139

Description: AFT SKID TUBE PROTECTOR

Part Number: D3340-17

Inspection Dwg: 03340-17, Rev: B

Page 1 of 1

## FIRST ARTICLE INSPECTION CHECKLIST

2

## First Article

X

## Prototype

Measured by:

Audited by:

### Prototype Approval

Date: 15-8-31

Date: 11/09/10

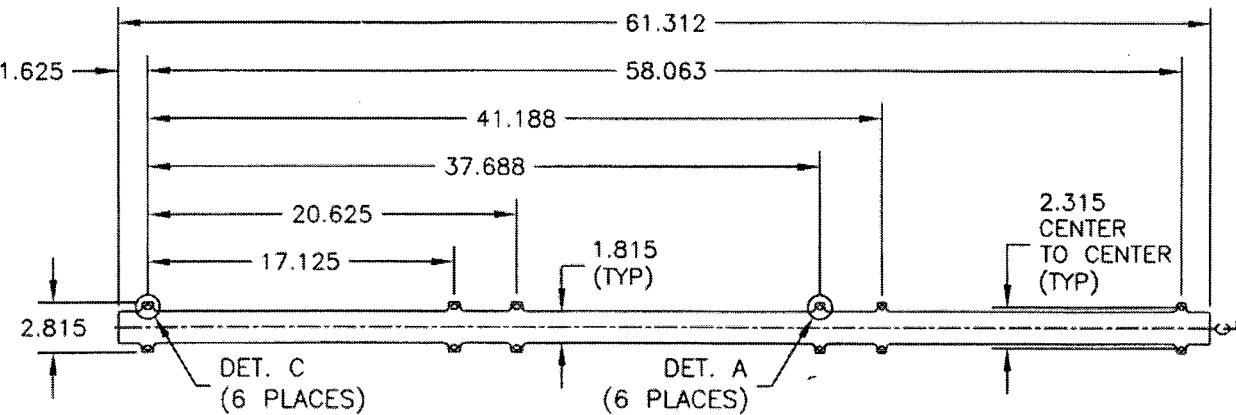
Date:

Rev	Date	Change
A		New Issue

Revised by	Approved
KJ/JLM	



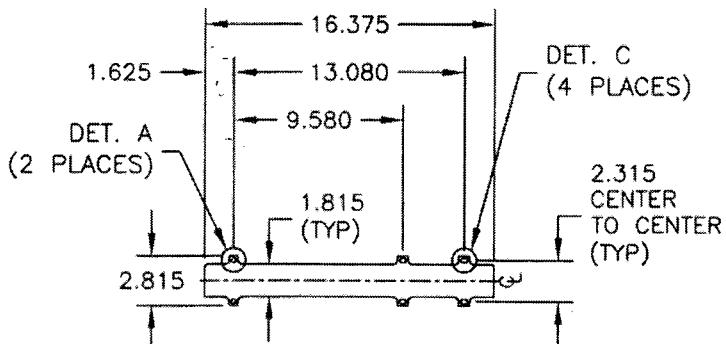
DESIGN MB	DRAWN BY MB	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>[initials]</i>	APPROVED <i>[initials]</i>	DRAWING NO. D3340	REV. B SHEET 7 OF 11
DATE 05.11.22		TITLE SKIDTUBE PROTECTOR	SCALE 1:10



D3340-15F FLAT PATTERN

**RELEASED**  
05.11.28 *[initials]*

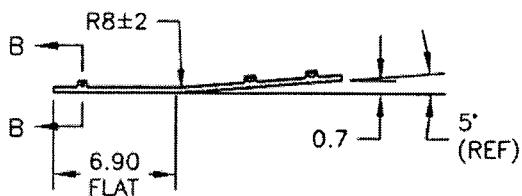
D3340-15 CENTER SKIDTUBE PROTECTOR



D3340-17F FLAT PATTERN

NOTES:

- 1) MATERIAL: AISI 1010-1025 OR  
ASTM A36/A366/A1008 OR  
CSA G40-21, 38W/44W/50W/60W/70W  
SERIES COLD ROLLED STEEL 19 GAUGE  
(0.040 THICK)
- 2) PART IS SYMETRICAL ABOUT CENTER LINE
- 3) FINISH: POWDER COAT GREY SANTEX  
(REF. 4.3.5.6) PER DART QSI 005 4.3
- 4) TOLERANCES ARE PER DART QSI 018  
UNLESS OTHERWISE NOTED
- 5) ALL DIMENSIONS ARE IN INCHES
- 6) BREAK ALL SHARP CORNERS 0.063 MAX



D3340-17 AFT SKIDTUBE PROTECTOR

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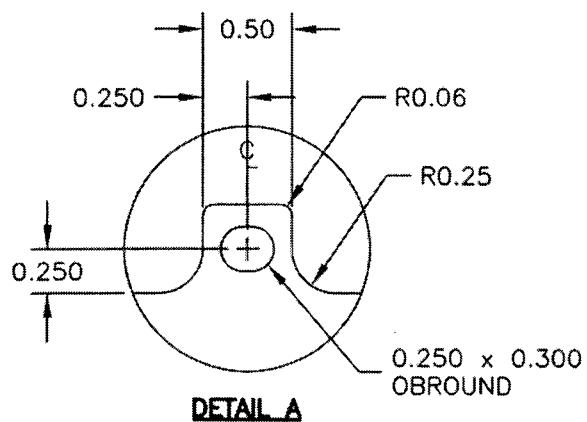
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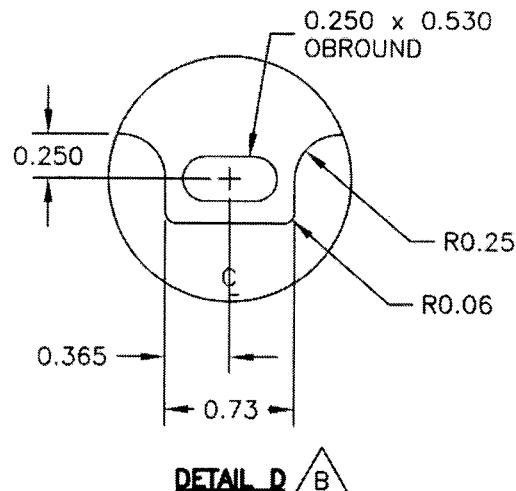
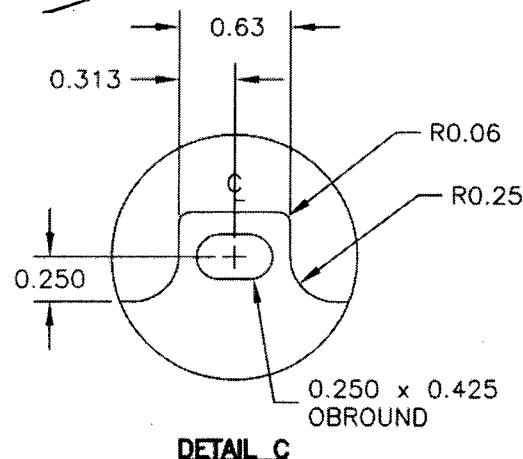
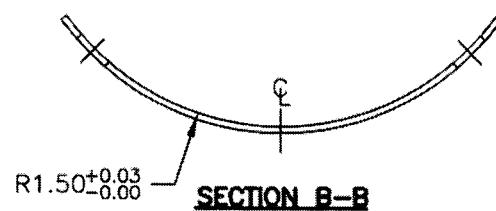
NOTE: Date & initial all entries



DESIGN MB	DRAWN BY MB	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>[initials]</i>	APPROVED <i>[initials]</i>	DRAWING NO. D3340	REV. B SHEET 11 OF 11
DATE 05.11.22		TITLE SKIDTUBE PROTECTOR	SCALE 1:1



RELEASED  
05-11-28



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